

Fig.1 (Prior Art)
Alpha Format Packet

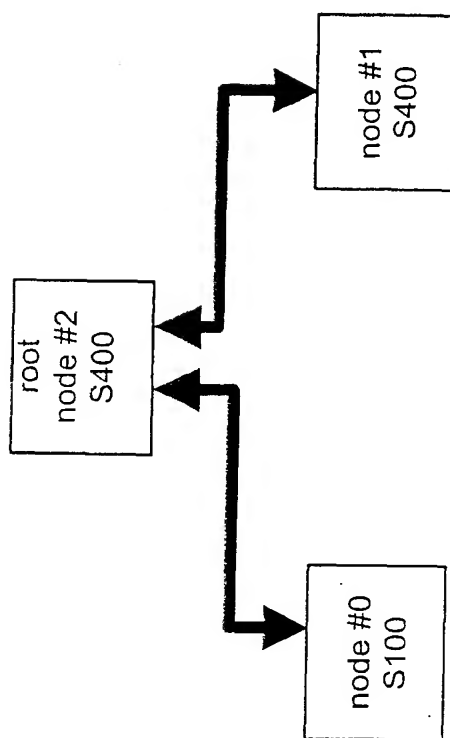


Fig. 2 (Prior Art)
Legacy Compatibility Example

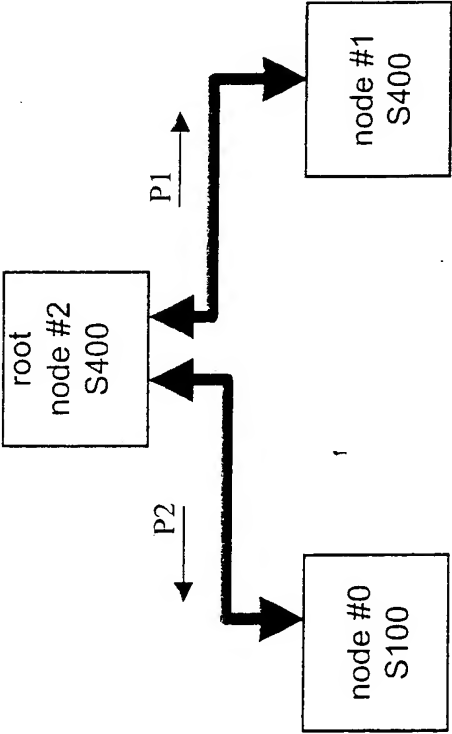
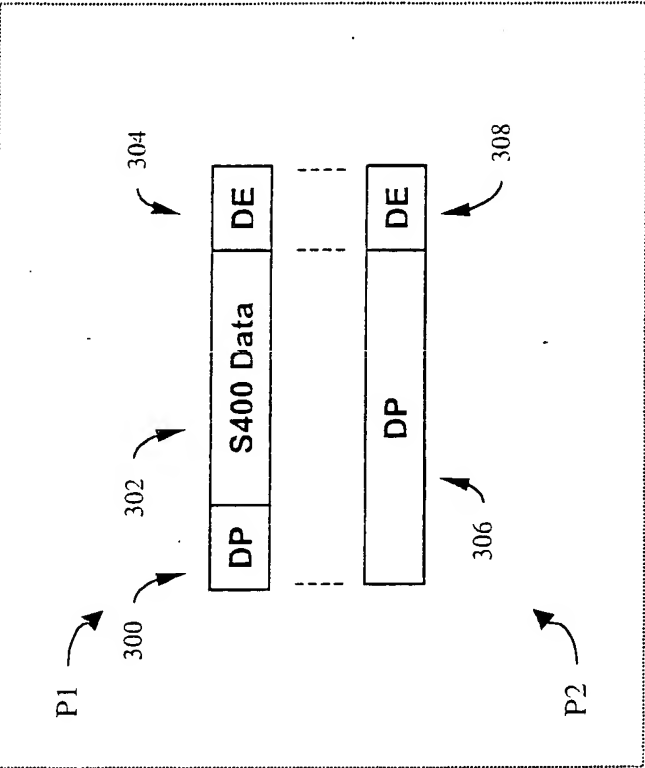


Fig. 3 (Prior Art)
Legacy Speed Filtering Example

400



$$\left\{ \underline{Sb1} \quad \underline{DP1} \quad \underline{B1} \quad \dots \quad \underline{Bn} \quad \underline{DE1} \quad \underline{DE2} \right\}$$

Fig. 4 (Prior Art)
P1394b Packet Format

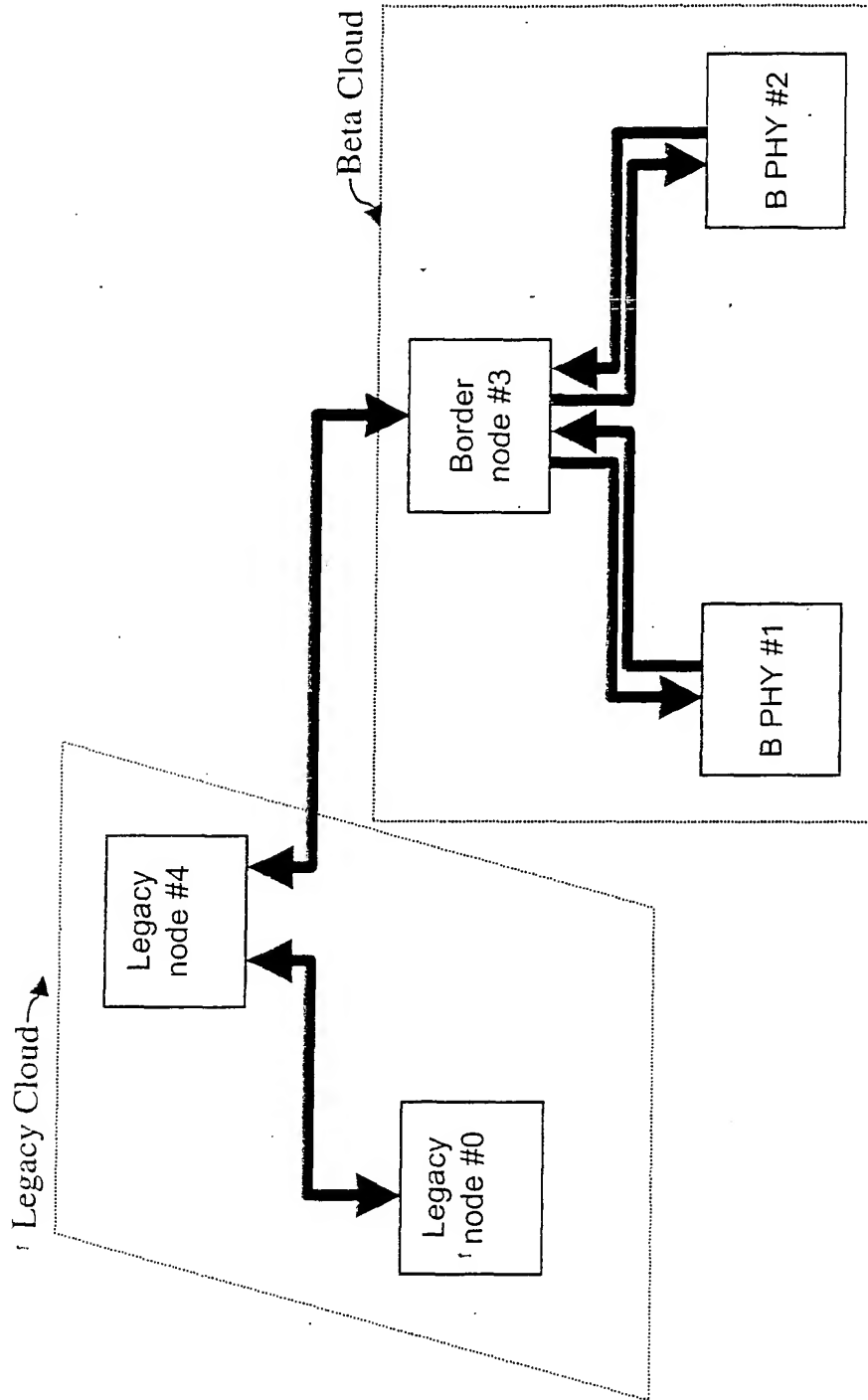


Fig. 5 (Prior Art)
Data Communications System Having both
P1394b and Legacy Devices

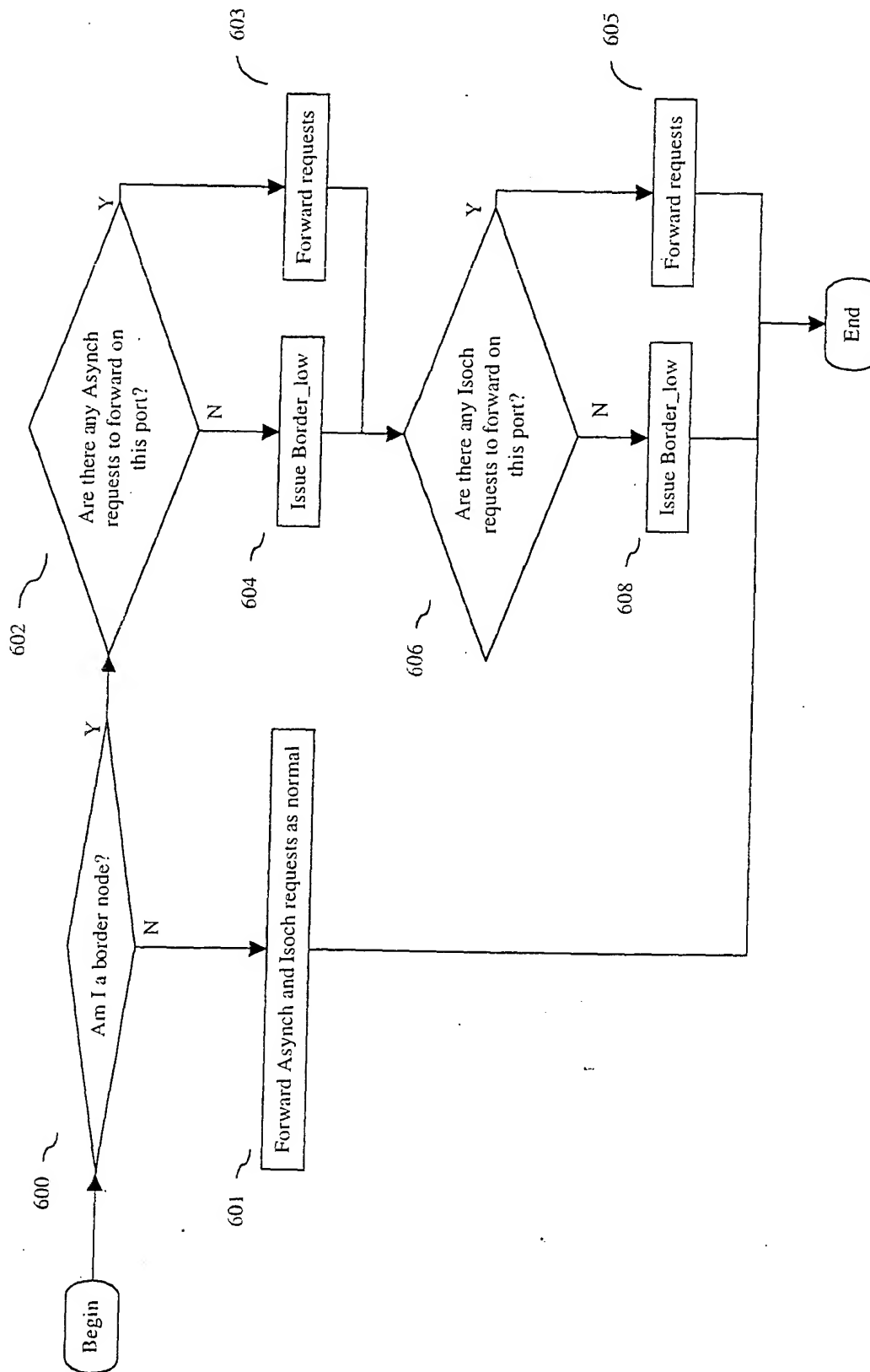


Fig. 6
Detection and Communication of Hybrid Bus
According to the Present Invention

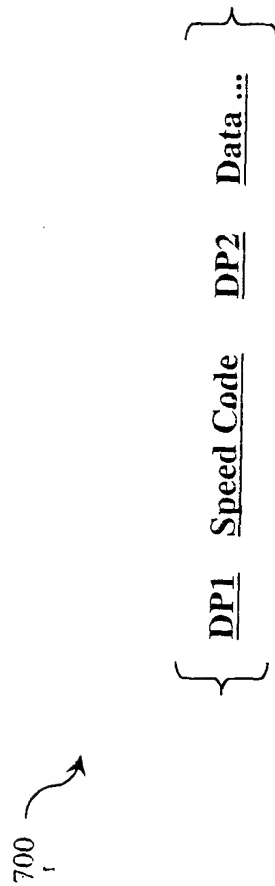


Fig. 7 (Prior Art)
Legacy Format Packet

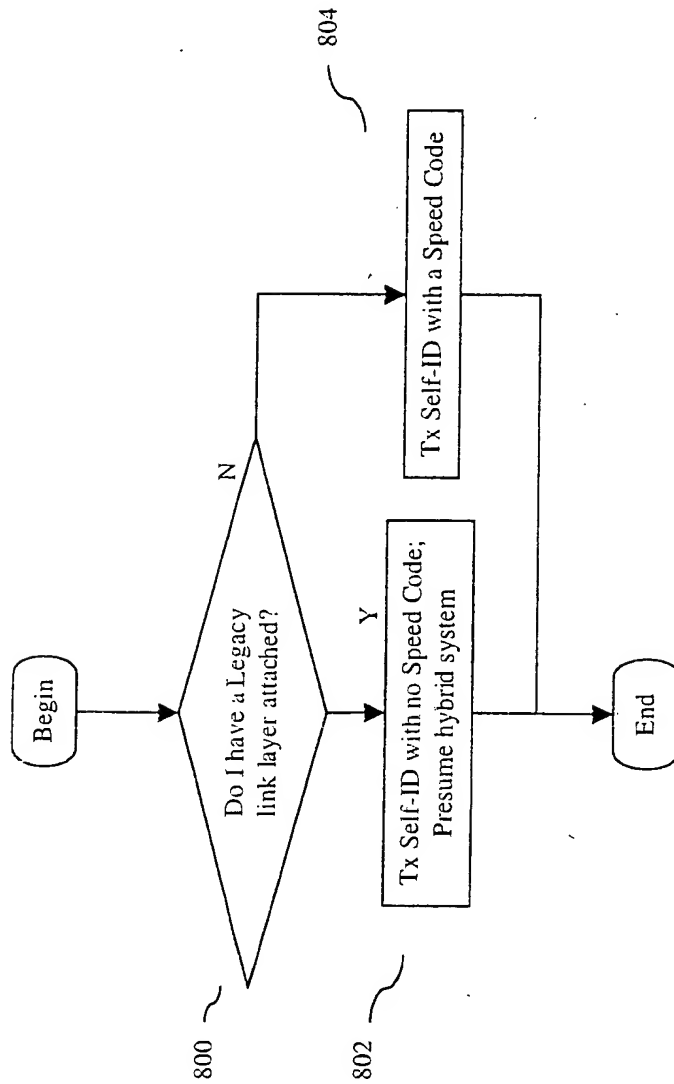


Fig. 8
Detection and Communication of a Legacy Link Layer
According to the Present Invention

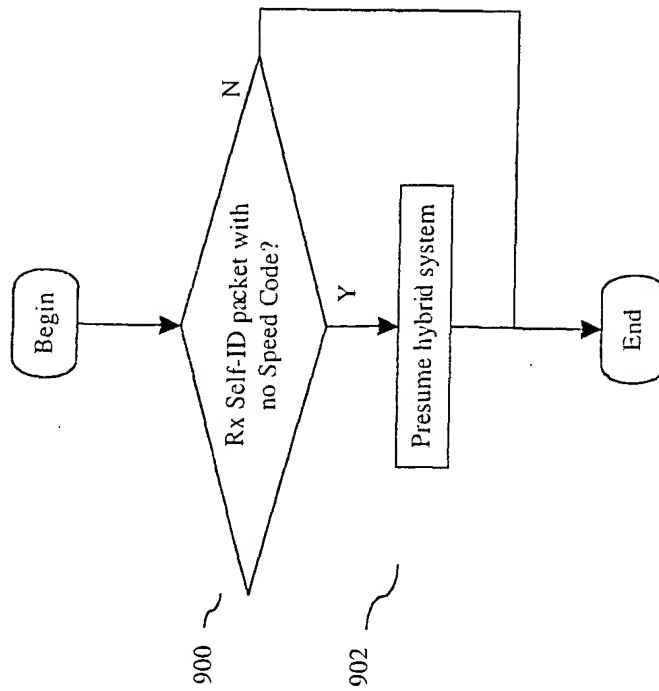


Fig. 9
Detection and Communication of Hybrid Bus
According to the Present Invention

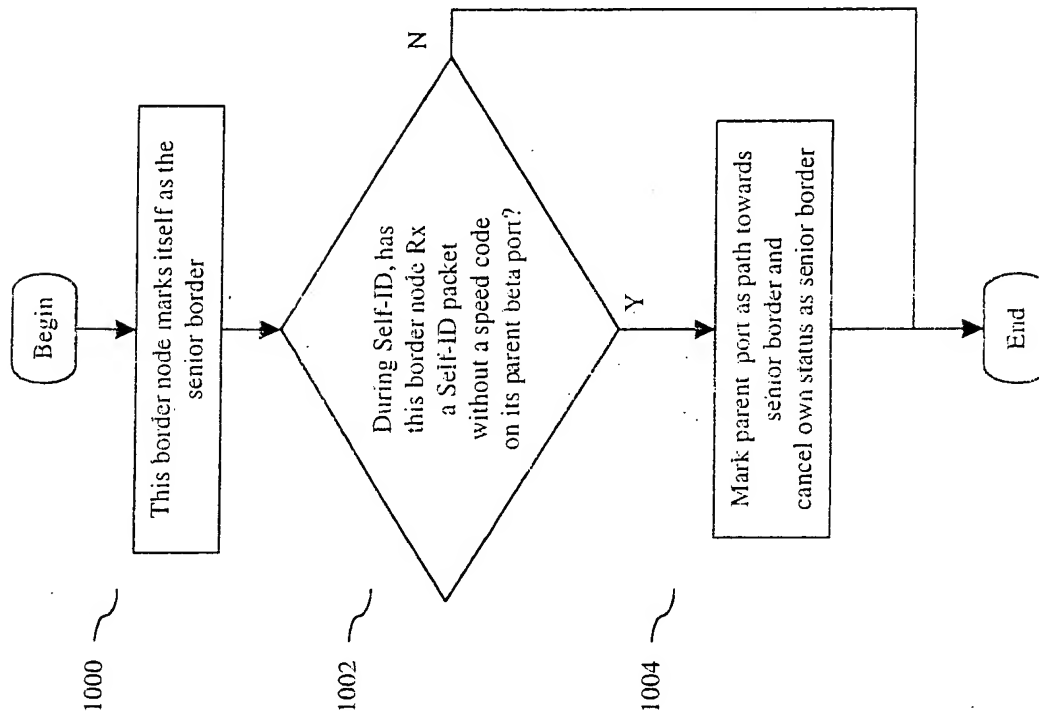


Fig. 10
Detection of Path to Senior Border
By a Border PHY
According to the Present Invention

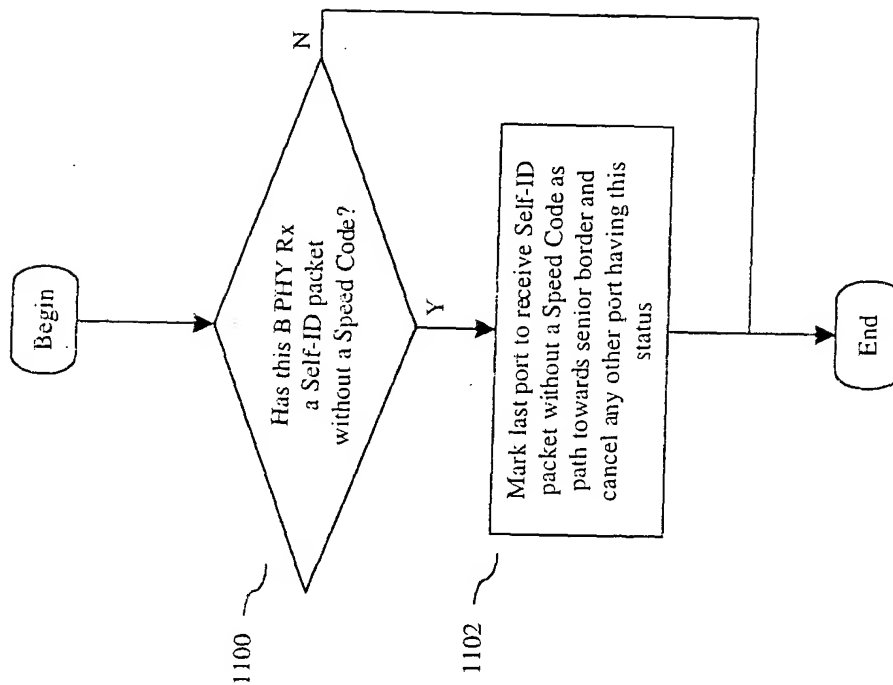


Fig. 11
Identification of Senior Border Node
By a B PHY
According to the Present Invention

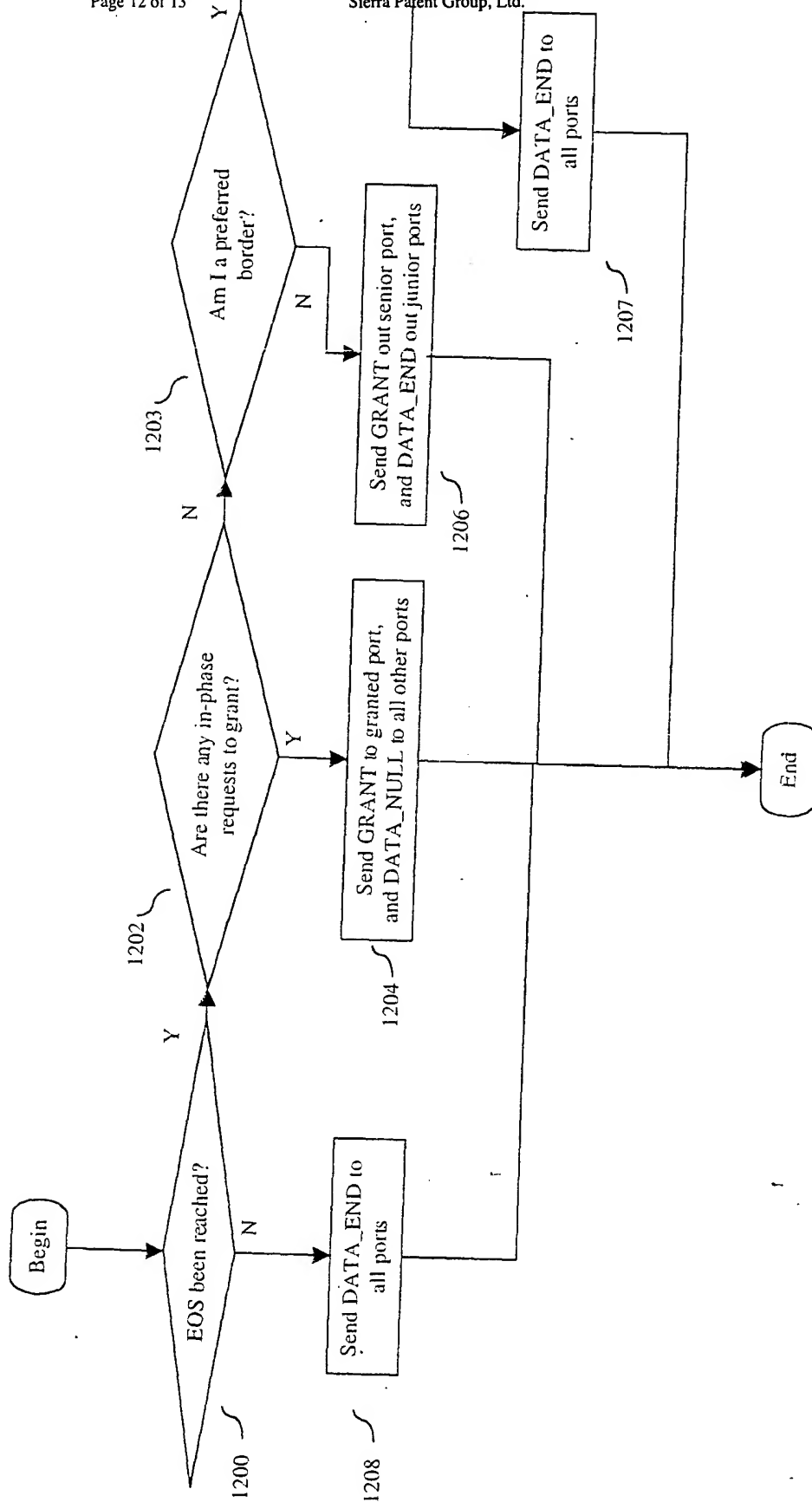


Fig. 12
 Restoring Senior Border as BOSS
 According to the Present Invention

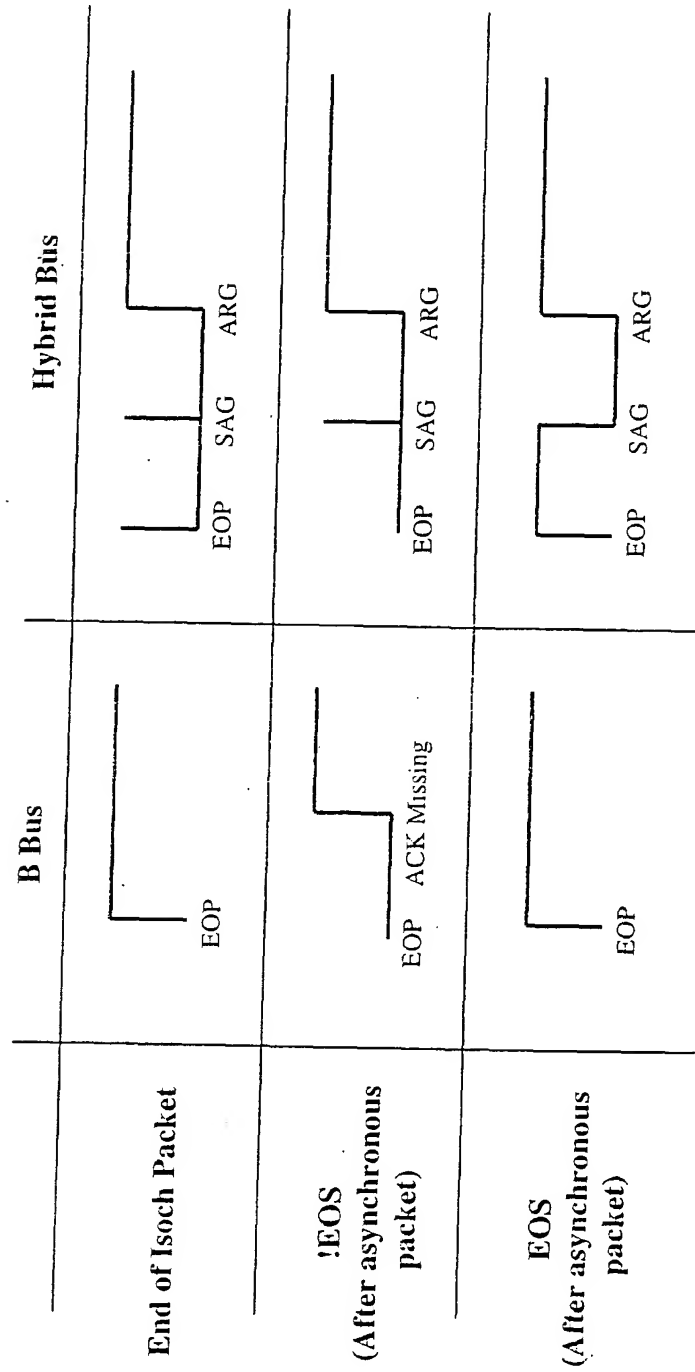


Fig. 13
 OK_TO_GRANT Profile
 According to the Present Invention